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APPLICANT : NISSAN FUERO YUKI KAGAKU KK;

INVENTOR : KAWASHIMA NOBUO;

INT.CL. : C08L 27/04 C08K 5/17

TITLE : CHLORINE-CONTAINING RESIN COMPOSITION

ABSTRACT : PURPOSE: A chroline-containing resin composition having excellent anti-coloration properties obtained by adding a perchlorate of an ethanolamine to the resin.

CONSTITUTION: 0.001~5wt% perchlorate (any one of a basic salt, a neutral salt, and an acid salt) of an ethanolamine (perfrably triethanolamine) as an anti-coloration agent is added to 100pts.wt. chlorine-containing resin [e.g. a (co)polymer of vinyl chloride, vinylidene chloride, etc. or a chlorinated polyethylene]. In addition, a known sybstance used usually as a stabilizer (e.g. a metal salt of an organic acid) and other additives such as a plasticizer, pigments, and a filler may be incorporated jointly into the composition.

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2 ANSWER 1 OF 1 WPIX (C) 2002 THOMSON DERWENT

1 1986-058392 [09] WPIX

NC C1986-024653

I Chloride contg. resin compsn. - includes ethanolamine salt of perchloric acid.

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I JP 61009451 A 19860117 (198609)* 3p <--

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DT JP 05017937 B Based on JP 61009451

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B JP 61009451 A UPAB: 19930922

Chlorine contg. resin compsn. contains 0.001-5 wt.% perchloric acid salt of ethanolamine based on resin.

Perchloric acid salt of ethanolamine can be obtd. by neutralising ethanolamine with perchloric acid soln. As ethanolamine, mono-, di- or tri-ethanolamine can be used and all of them possess excellent colour-proof character. Triethanolamine is pref.

As chlorine contg. resin, copolymer of vinyl chloride, vinylidene chloride, etc., vinylchloride-ethylene copolymer, chlorinated polyethylene, chlorinated polypropylene, etc. can be used. A polymer blend of chlorine contg. resin and resin such as ABS, MBS, EVA, butadiene, etc. can be used.

In this compsn., stabilisers such as metal organic acid salts, organic phosphite cpds., antioxidants, UV absorbents, etc. can be used. Plasticiser, pigment, filler, foaming agent, antistatic agent, etc. can be added.

ADVANTAGE - This compsn. has excellent colour-proofing effect.

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C CPI: A04-E01; A08-A01A; E10-B03B; E31-C

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